

YOUR HOME OF FRESHWATER

**FAMOUS-  
WATER.  
COM**

**AUTONOMOUS WATER SUPPLY**  
by mobile water desalination and  
fresh water treatment



**water-jack**

powered by  **KATADYN®**



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## What does famous-water do?

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**F**or many years, we have concerned ourselves with the subjects of water desalination and water purification for personal use.

Under the name, **water-jack**, we were the first in the world to develop an autonomous, lightweight mobile water desalination system.

***water-jack can be used for seawater and also for brackish water***

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## What is water-jack?

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**W**ater-jack is a portable, autonomous unit to produce clean drinking water from salty water. The process uses reverse osmosis. This method ensures the creation of drinkable water, free from hazardous materials such as bacteria or viruses.

The desalination device is manufactured to the customer's specifications and, depending on its intended use, is available in three basic versions. In its smallest version, it provides approximately 5 liters and, in its largest version, it is capable of supplying approx. 25 liters of potable water per hour. The size depends primarily on the available power source as well as on the actual freshwater requirements.

The water-jack runs on 12 VDC power which, depending on the unit's design, can be supplied either by an external power source or it can operate completely independently as a stand-alone unit, with power supplied from a regenerative power source. Currently, solar power modules, wind turbines or fuel cells are all possible power sources. Of course, the unit's batteries can also be charged from a cigarette lighter or from a 110/220 V power supply.

**Maintenance tasks can be quickly performed by anyone, resulting in very low maintenance expenses. The produced water has an excellent quality!**



## Model overview

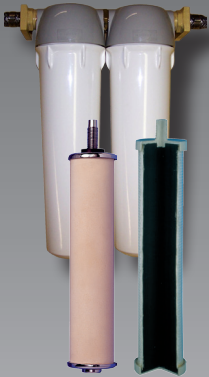
	essential	basic	premium
5 liters per hour selectable	✓	✓	✓
12 liters per hour selectable	✓	✓	✓
25 liters per hour selectable	✓	✓	
prefilter 30 micron	✓	✓	✓
prefilter 5 micron		✓	✓
prefilter floating (0,40 Mesh)	✓	✓	✓
integrated battery			✓
integr. solar modul and charge contr.			✓
integr. 220/110 Volt charge conroller			✓
integrated battery monitor	✓	✓	✓
integrated booster pump		✓	✓
pressure equalizing tank		✓	✓
20 meters suction tube		✓	✓
water-jack intake device for beach operation selectable		✓	✓
water-jack plus option selectable		✓	✓
dimensions (other sizes available, also depends on the desired specific output)	600x400x410 mm	600x600x410 mm	800x600x410 mm
weight approximately	22 kg	27kg	38kg (without battery)



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## Additional products in our range

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### **water-jack plus:**

Expand your water-jack desalinator to the possibility to clean contaminated fresh water comfortable and safe. The reverse osmosis unit is conserved and the throughput increases significantly with the fresh water cleaning. The filtration performance is scalable up to 400 liters per hour.

Included are microporous ceramics as well as activated carbon filter elements. Also suitable for muddy water, because the ceramic can be cleaned several times.

The capacity of the combined ceramic elements is up to 300.000 Liter.



### **water-jack fresh:**

Miscellaneous models of mobile, energy-autonomously filters for contaminated fresh water. Easy to operate with extremely low operation costs. Manufactured according your needs. Scalable up to 700 liters per hour.

### **Manual filters:**

We provide manual desalinators, as well as hand-operated fresh water filters from the program by Katadyn.

The appropriate choice depends on your mission objectives and ranges from small filters to devices for camps and expeditions.



**We would be happy to help you to find the right solution.**